KRAUSE
"Operating Mode Extensions in Wireless
Communications Networks"
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## In the Description

[0018] In the exemplary CDMA/GSM environment of FIG. 1, while the CDMA/GSM phone 150 is operating in the exemplary communications mode connected to the CDMA network, the phone 150 generates and [send] sends to the network a message including information indicating an ability of the multi-mode wireless communications device to operate in the GSM communications mode. In embodiments where the multimode wireless communications device places or originates a call, the message is an origination message indicating that the multi-mode communications device is capable of operating in a different mode. embodiments where the multimode communications device receives a page, the alternative operating mode information is included in a page response In other embodiments, this information may be included in a message other than origination and page response messages.

[0019] In one embodiment, the message includes a first additional mode information field for indicating an ability of a multimode communications device to accept a channel assignment in at least a first additional mode other than a first operating mode. In one embodiment, the first operating mode corresponds to a communications protocol, for example, CDMA 2000, to which the message is native. In some embodiments, the message includes a second additional mode information field for indicating an ability of the multimode communications device to operate in a second additional mode other than the first mode and the first additional mode.